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UTILITY PATENT APPLICATION TRANSMITTAL <small>(Only for new nonprovisional applications under 37 CFR 1.53(b))</small>		Attorney Docket No.	4676-00004	Total Pages	87+
		First Named Inventor or Application Identifier			
		Steven H. Marquardt			
		Express Mail Label No.	EV342893815US		
APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents		ADDRESSED TO: Commissioner for Patents Mail Stop Patent Application P.O. Box 1450 Alexandria, VA 22313-1450			
<p>1. <input checked="" type="checkbox"/> Fee Transmittal Form (Submit an original, and a duplicate for fee processing)</p> <p>2. <input checked="" type="checkbox"/> Specification [Total Pages 44] (preferred arrangement set forth below)</p> <ul style="list-style-type: none">- Descriptive title of the Invention- Cross References to Related Applications- Statement Regarding Fed sponsored R & D- Reference to Microfiche Appendix- Background of the Invention- Brief Summary of the Invention- Brief Description of the Drawings (if filed)- Detailed Description- Claim(s)- Abstract of the Disclosure <p>3. <input checked="" type="checkbox"/> Drawing(s) (35 USC 113) [Total Sheets 26]</p> <p>4. Oath or Declaration [Total Pages 2]</p> <ul style="list-style-type: none">a. <input type="checkbox"/> Newly executed (original or copy)b. <input checked="" type="checkbox"/> Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 17 completed) [Note Box 5 below]i. <input type="checkbox"/> DELETION OF INVENTOR(S) Signed statement attached deleting Inventor(s) named in the prior Application, see 37 CFR 1.63(d)(2) and 1.33(b). <p>5. <input type="checkbox"/> Incorporation By Reference (useable if Box 4b is checked). The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.</p>		<p>6. <input type="checkbox"/> Microfiche Computer Program (Appendix)</p> <p>7. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)</p> <ul style="list-style-type: none">a. <input type="checkbox"/> Computer Readable Copyb. <input type="checkbox"/> Paper Copy (identical to computer copy)c. <input type="checkbox"/> Statement verifying identify of above copies <div style="border: 1px solid black; padding: 2px;"><p style="text-align: center; margin: 0;">ACCOMPANYING APPLICATION PARTS</p><p>8. <input type="checkbox"/> Assignment Papers (cover sheet & document(s))</p><p>9. <input type="checkbox"/> 37 CFR 3.73(b) Statement <input type="checkbox"/> Power of Attorney (when there is an assignee)</p><p>10. <input type="checkbox"/> English Translation Document (if applicable)</p><p>11. <input checked="" type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input checked="" type="checkbox"/> Copies of IDS Citations</p><p>12. <input type="checkbox"/> Preliminary Amendment</p><p>13. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) (Should be specifically itemized)</p><p>14. <input checked="" type="checkbox"/> Applicant claims small entity See 37 C.F.R. 1.27</p><p>15. <input type="checkbox"/> Certified Copy of Priority Document(s) (if foreign priority is claimed)</p><p>16. <input checked="" type="checkbox"/> Other: Certificate of Express Mailing</p><p>.....</p></div>			
17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information: <input type="checkbox"/> Continuation <input checked="" type="checkbox"/> Divisional <input type="checkbox"/> Continuation-in-part (CIP) of prior application No.: <u>10/034,902</u>					
18. CORRESPONDENCE ADDRESS					
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NAME	WILLIAM L. FALK (Reg. No. 27,709) ANDRUS, SCEALES, STARKE & SAWALL, LLP				
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07/24/03

Applicant: Steven H. Marquardt

CERTIFICATE OF EXPRESS MAIL

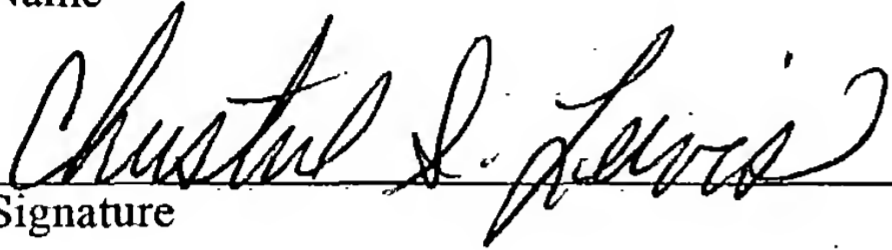
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Christine S. Lewis

July 24, 2003

Name

Date



July 24, 2003

Signature

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ADDITIONAL FEES <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Large Entity</th> <th style="text-align: left;">Small Entity</th> <th colspan="2"></th> <th></th> <th></th> </tr> <tr> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>105</td><td>130</td><td>205</td><td>65</td><td>Surcharge - late filing fee or oath</td><td></td></tr> <tr><td>127</td><td>50</td><td>227</td><td>25</td><td>Surcharge - late provisional filing fee or cover sheet</td><td></td></tr> <tr><td>139</td><td>130</td><td>139</td><td>130</td><td>Non-English specification</td><td></td></tr> <tr><td>147</td><td>2,520</td><td>147</td><td>2,520</td><td>For filing a request for examination</td><td></td></tr> <tr><td>112</td><td>920*</td><td>112</td><td>920*</td><td>Requesting publication of SIR prior to Examiner action</td><td></td></tr> <tr><td>113</td><td>1,840*</td><td>113</td><td>1,840*</td><td>Requesting publication of SIR after Examiner action</td><td></td></tr> <tr><td>115</td><td>110</td><td>215</td><td>55</td><td>Extension for response within first month</td><td></td></tr> <tr><td>116</td><td>400</td><td>216</td><td>200</td><td>Extension for response within second month</td><td></td></tr> <tr><td>117</td><td>920</td><td>217</td><td>460</td><td>Extension for response within third month</td><td></td></tr> <tr><td>118</td><td>1,440</td><td>218</td><td>720</td><td>Extension for response within fourth month</td><td></td></tr> <tr><td>128</td><td>1,960</td><td>228</td><td>980</td><td>Extension for response within fifth month</td><td></td></tr> <tr><td>119</td><td>300</td><td>218</td><td>150</td><td>Notice of Appeal</td><td></td></tr> <tr><td>120</td><td>300</td><td>220</td><td>150</td><td>Filing a brief in support of an appeal</td><td></td></tr> <tr><td>121</td><td>260</td><td>221</td><td>130</td><td>Request for oral hearing</td><td></td></tr> <tr><td>138</td><td>1,510</td><td>138</td><td>1,510</td><td>Petition to institute a public use proceeding</td><td></td></tr> <tr><td>140</td><td>110</td><td>240</td><td>55</td><td>Petition to revive unavoidably abandoned application</td><td></td></tr> <tr><td>141</td><td>1,240</td><td>241</td><td>620</td><td>Petition to revive unintentionally abandoned application</td><td></td></tr> <tr><td>142</td><td>1,280</td><td>242</td><td>640</td><td>Utility issue fee (or reissue)</td><td></td></tr> <tr><td>143</td><td>460</td><td>243</td><td>230</td><td>Design issue fee</td><td></td></tr> <tr><td>144</td><td>620</td><td>244</td><td>310</td><td>Plant issue fee</td><td></td></tr> <tr><td>122</td><td>130</td><td>122</td><td>130</td><td>Petitions to the Commissioner</td><td></td></tr> <tr><td>123</td><td>50</td><td>123</td><td>50</td><td>Petitions related to provisional applications</td><td></td></tr> <tr><td>126</td><td>240</td><td>126</td><td>240</td><td>Submission of Information Disclos. 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Typed or Printed Name: William L. Falk Signature: <i>William L. Falk</i> Date: 7-24-2003				Complete (if applicable)																																																																																																																																																																																																			
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Divisional Application Of:

STEVEN H. MARQUARDT

Filed Herewith:

ADVANCED TOOL SYSTEMS

Parent Application Data:

Serial No.: 10/034,902

Filed: December 27, 2001

Examiner: Debra S. Meislin

Group Art Unit: 3723

CERTIFICATE OF MAILING

) I hereby certify that this correspondence is
) being deposited with the United States Postal
) Service with sufficient postage as first class
) mail in an envelope addressed to:
) COMMISSIONER OF PATENTS, Alexandria,
) VA 22313-1450, this 24th day of
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) EV342893815.

) 
) Christine S. Lewis Date

FILING OF DIVISIONAL APPLICATION

MAIL STOP: PATENT APPLICATION

Commissioner Of Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

This is a request for filing a divisional application under 37 CFR §1.53(b) of pending parent application Serial No. 10/034,902 filed December 27, 2001. The parent application has been allowed, and is located in Group Art Unit 3723.

1. Enclosed is a copy of the prior application, including the Declaration as originally filed.
2. I hereby verify that the attached papers are a true copy of the parent application 10/034,902 filed December 27, 2001, and further that this statement was made with the knowledge that willful false statements and the like so made are

Divisional Application Of: STEVEN H. MARQUARDT

punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

3. In this application, cancel original claims 1-25 and 27-36 of the prior application Serial No. 10/034,902. The claim to be examined in this application is claim 26.

4. The filing fee is calculated below:

	Number Filed	Number Extra	Rate	Basic Fee
Total Claims	2	0	\$ 0.00	\$ 0.00
Independent Claims	1	0	\$ 0.00	\$ 0.00
Multiple Dependency				\$ 0.00
Total Filing Fee				\$ 375.00

A check in the amount of \$375.00 is enclosed to cover the filing fee.

The Commissioner is hereby authorized to charge any additional fees required under 37 CFR §1.16 or §1.17, or credit any overpayment to Deposit Account No. 01.2000.

A duplicate copy of this paper is attached.

5. Amend the specification by inserting on page 1, before the first line, the sentence --This application is a division of application Serial No. 10/034,902, filed December 27, 2001.--

6. An Information Disclosure Statement and references are enclosed.

7. The Power of Attorney appears in the original papers in the parent application.

8. A Preliminary Amendment is enclosed.

Divisional Application Of: STEVEN H. MARQUARDT

Please address all telephone calls to:

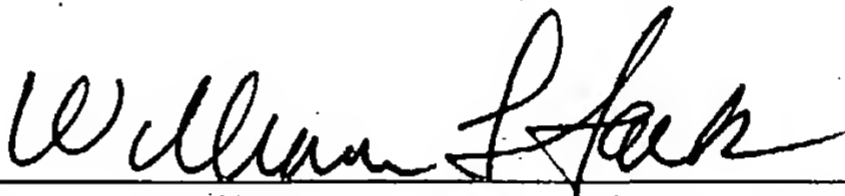
WILLIAM L. FALK
(414) 271-7590

Please address all correspondence to:

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Andrus, Sceales, Starke & Sawall, LLP
100 East Wisconsin Avenue, Suite 1100
Milwaukee, Wisconsin 53202

Respectfully submitted,

ANDRUS, SCEALES, STARKE & SAWALL, LLP



William L. Falk (Reg. No. 27,709)

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